

Singlemode Wavelength Division Multiplexer (638/785, 638/799) (WDM Series)

REV 11

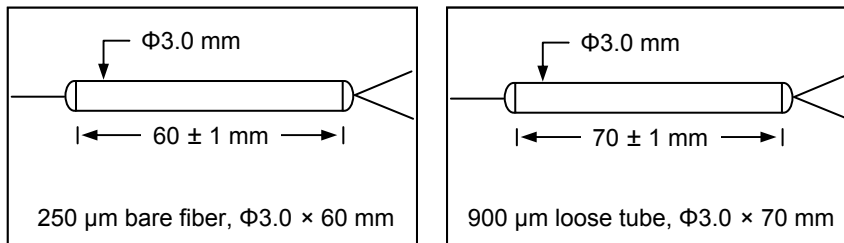
The Singlemode Wavelength Division Multiplexer combines light at different wavelengths. They offer very low insertion loss, low polarization dependence and excellent environmental stability.

Specifications

Parameter	Unit	Value
Center Wavelength (λ_c)	nm	638/785 or 799
Operating Wavelength	nm	$\lambda_c \pm 5$
Max. Insertion Loss	dB	0.7
Max. Polarization Dependent Loss	dB	0.1
Thermal Stability	dB/°C	≤ 0.002 over -5°C to $+70^\circ\text{C}$
Min. Return Loss	dB	50
Min. Directivity	dB	50
Max. Optical Power (Continuous Wave)	mW	500
Configuration		1 × 2
Package Dimensions		250 μm bare fiber, $\Phi 3.0 \times 60$ mm 900 μm loose tube, $\Phi 3.0 \times 70$ mm
Operating Temperature	°C	-5 to +70
Storage Temperature	°C	-40 to +85

*IL is 0.5 dB higher, RL is 5 dB lower for each connector added.

Package Dimensions



Ordering Information

WDM-①-②②②②-③-④-⑤-⑥

①: Configuration

1 - 1 × 2

②②②②: Wavelength

6378 - 638 & 785 nm

6379 - 638 & 799 nm

SSSS - Specify

③: Connector Type

1 - FC/UPC 4 - SC/APC

2 - FC/APC N - None

3 - SC/UPC S - Specify

④: Fiber Jacket

B - 250 μm bare fiber

L - 900 μm loose tube

S - Specify

⑤: Fiber Type

6 - Nufern 630-HP fiber

S - Specify

⑥: Fiber Length

H - 0.5 m

1 - 1.0 m

S - Specify